

CLAIMS

What is claimed is:

1. A computer system having a power supply to supply electric power, the computer system comprising:

a power controller to control the power supply to supply the electric power to the computer system;

a clock module, having predetermined set limits, to output a control signal to the power controller so that the power supply supplies the electric power to the computer system on a booting set time;

a booting compensator to allow the computer system to continue being booted in response to a booting start time being equal to a comparative set time which is previously stored, and to compensate the booting set time so that it corresponds with the comparative set time, and to stop the booting of the computer system, in response to the booting start time being different from the comparative set time; and

a booting setting part to receive a user set time from a user;

wherein the booting setting part stores the user set time as the booting set time in the clock module, and as the comparative set time in the booting compensator, in response to the user set time being within the set limits, and stores the user set time as the comparative set time in the booting compensator, and a wakeup time within the set limits as the booting set time in the clock module, in response to the user set time being beyond the set limits.

2. The computer system of claim 1, wherein the booting compensator stores the comparative set time as the booting set time in response to the comparative set time being within the set limits, and stores the wakeup time as the booting set time in response to the comparative set time being beyond the set limits, in response to the booting start time being different from the comparative set time.

3. The computer system of claim 1, wherein the clock module comprises an RTC having a register to store the booting set time.

4. The computer system of claim 1, wherein the booting compensator is provided in a BIOS.

5. The computer system of claim 1, wherein the booting setting part receives information on the user set time together with a predetermined program selected by a user, so that the program can be executed after the computer system is completely booted.

6. The computer system of claim 1, wherein the wakeup time is set as the set limits of the clock module.

7. The computer system of claim 1, wherein the booting setting part is executed in a separate scheduling program in the computer system.

8. The computer system of claim 1, wherein the user set time is an absolute time and date.

9. The computer system of claim 1, wherein the user set time is a relative time to a point in time when the user set time is set.

10. The computer system of claim 1, wherein the booting setting part also stores a turn off time for the computer system.

11. A method of booting a computer system having a power supply to supply electric power, a power controller to control the power supply, an RTC to control the power controller to supply the electric power on a booting set time which is preset within predetermined set limits, and a BIOS, the method comprising:

receiving a user set time input by a user;

storing the user set time as the booting set time and as a comparative set time in the RTC and the BIOS, respectively, in response to the user set time being within the set limits, and storing the user set time as the comparative set time in the BIOS and a wakeup time within the set limits as the booting set time in the RTC in response to the user set time being beyond the set limits;

booting the computer system with the electric power as the RTC outputs a control signal on the booting set time;

comparing the booting set time with the comparative set time; and

allowing the computer system to continue being booted in response to the booting set time being equal to the comparative set time.

12. The method of claim 11, wherein the comparing the booting set time with comparative set time comprises storing the comparative set time as the booting set time in response to the comparative set time being within the set limits, and storing the wakeup time as the booting set time in response to the comparative set time being beyond the set limits, in response to the comparative set time being different from the booting set time.

13. The method of claim 12, further comprising again booting the system on the booting set time and comparing the booting set time with the comparative set time in response to a current time reaching the booting set time.

14. The method of claim 11, wherein the comparing the booting set time with the comparative set time further comprises stopping the booting of the computer system in response to the comparative set time being different from the booting set time.

15. A computer system comprising:
a clock module with predetermined set limits;
a compensator;
a booting setting part to store a user set time as a comparative set time in the compensator;
wherein the booting setting part stores the user set time as a booting set time in the clock module in response to the user set time being within the set limits, and stores a time within the set limits as the booting set time in response to the user set time being beyond the set limits;
and

wherein the compensator allows the computer system to be booted at the booting set time in response to the booting set time being equal to the comparative set time, and compensates the booting set time so that it corresponds with the comparative set time in response to the booting start time being different from the comparative set time.